Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122920\
Data File : VY003847.D
Acq On : 29 Dec 2020 11:24
Operator : SY/MD
Sample : VSTD02533
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD02533

Quant Time: Dec 29 12:48:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 29 12:43:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	341444	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	322332	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	184889	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	122906	30.74	ug/L	0.00
7) Chloroethane-d5	2.76	69	101013	31.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	227131	28.48	ug/L	0.00
21) 2-Butanone-d5	6.90	46	100522	56.06	ug/L	0.00
24) Chloroform-d	7.48	84	219905	27.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	139030	30.58	ug/L	0.00
32) Benzene-d6	8.11	84	412693	25.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	120880	24.41	ug/L	0.00
41) Toluene-d8	10.18	98	394915	26.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	69548	28.27	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	75038	53.73	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	121315	26.40	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	157510	25.54	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	124679	32.355	ug/L	100
3) Chloromethane	2.11	50	143266	32.155	ug/L	100
5) Vinyl chloride	2.25	62	161625	35.140	ug/L	100
6) Bromomethane	2.65	94	99821	34.156	ug/L	100
8) Chloroethane	2.80	64	101883	35.519	ug/L	100
9) Trichlorofluoromethane	3.13	101	222353	32.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	116624	27.045	ug/L	100
12) 1,1-Dichloroethene	3.88	96	110818	26.987	ug/L	100
13) Acetone	3.95	43	79106	63.070	ug/L	100
14) Carbon disulfide	4.20	76	382882	28.464	ug/L	100
15) Methyl Acetate	4.48	43	93191	29.929	ug/L	100
16) Methylene chloride	4.72	84	126335	21.115	ug/L	100
17) trans-1,2-Dichloroethene	5.23	96	121956	26.662	ug/L	100
18) Methyl tert-butyl Ether	5.23	73	359242	30.162	ug/L	100
19) 1,1-Dichloroethane	6.02	63	221176	28.646	ug/L	100
20) cis-1,2-Dichloroethene	6.99	96	132313	27.026	ug/L	100
22) 2-Butanone	6.98	43	120649	56.096	ug/L	100
23) Bromochloromethane	7.34	128	65204	26.797	ug/L	100
25) Chloroform	7.51	83	229573	29.079	ug/L	100
27) 1,2-Dichloroethane	8.24	62	180397	32.644	ug/L	100
29) Cyclohexane	7.78	56	215147	30.175	ug/L	100
30) 1,1,1-Trichloroethane	7.70	97	220936	31.119	ug/L	100
31) Carbon tetrachloride	7.90	117	201996	31.393	ug/L	100
33) Benzene	8.16	78	498891	27.050	ug/L	100
34) Trichloroethene	8.94	95	136676	27.461	ug/L	100
35) Methylcyclohexane	9.18	83	228837	28.861	ug/L	100
37) 1,2-Dichloropropane	9.22	63	125450	27.233	ug/L	100
38) Bromodichloromethane	9.50	83	177416	29.363	ug/L	100
39) cis-1,3-Dichloropropene	9.93	75	216711	29.255	ug/L	100
40) 4-Methyl-2-pentanone	10.07	43	272011	62.723	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.24	91	553642	27.996	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	206933	29.779	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	107736	26.832	ug/L	100
46) Tetrachloroethene	10.72	164	119193	29.257	ug/L	100
48) 2-Hexanone	10.83	43	195398	64.339	ug/L	100
49) Dibromochloromethane	10.98	129	137594	29.179	ug/L	100
50) 1,2-Dibromoethane	11.09	107	106953	27.524	ug/L	100
51) Chlorobenzene	11.51	112	355551	27.288	ug/L	100
52) Ethylbenzene	11.59	91	619769	28.887	ug/L	100
53) m,p-Xylene	11.70	106	233911	28.171	ug/L	100
54) o-Xylene	12.03	106	229450	28.795	ug/L	100
55) Styrene	12.04	104	398356	29.156	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	127386	28.894	ug/L	100
59) Bromoform	12.20	173	99677	28.185	ug/L	100
60) Isopropylbenzene	12.32	105	621849	27.380	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	112734	27.055	ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	521934	28.817	ug/L	100
63) 1,2,4-Trimethylbenzene	13.12	105	528225	29.222	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	295582	26.981	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	300192	26.962	ug/L	100
67) 1,2-Dichlorobenzene	13.73	146	277235	27.171	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.35	75	29281	31.017	ug/L	100
69) 1,3,5-Trichlorobenzene	14.50	180	231174	29.216	ug/L	100
70) 1,2,4-trichlorobenzene	15.00	180	197839	29.291	ug/L	100
71) Naphthalene	15.23	128	414833	29.216	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	177209	28.765	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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